

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026496.D
 Acq On : 01 Jul 2023 01:36
 Operator : SY/MD
 Sample : 03444-17
 Misc : 4.53g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46X8

Quant Time: Jul 03 01:14:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 01 01:41:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

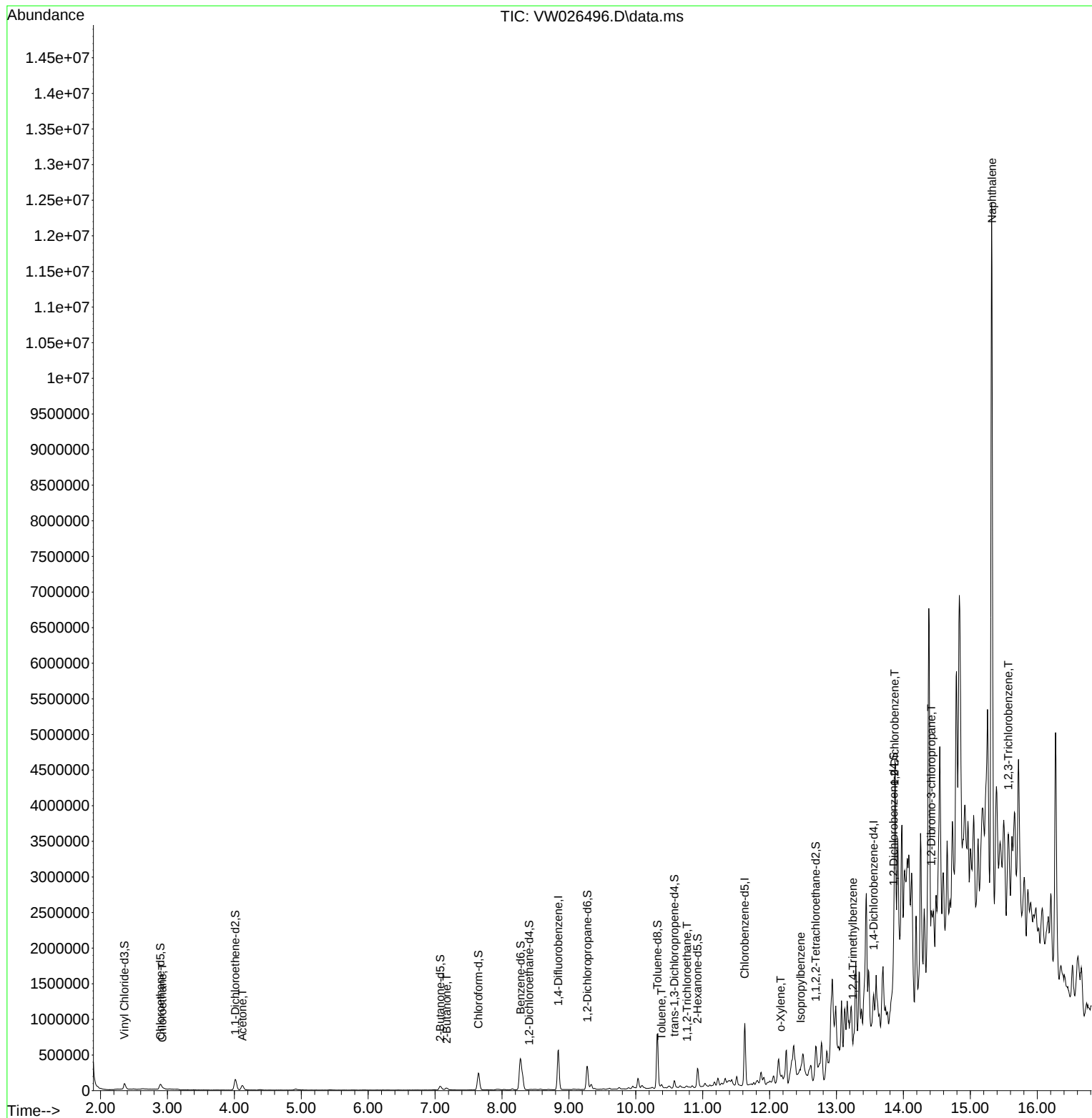
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	430371	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	449402	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	132189	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	103051	21.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.120%
7) Chloroethane-d5	2.893	69	106267	26.632	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.520%
11) 1,1-Dichloroethene-d2	4.015	65	48449	19.761	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.040%
21) 2-Butanone-d5	7.075	46	92586	49.995	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.000%
24) Chloroform-d	7.648	84	229748	21.901	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	8.404	65	150	0.026	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.120%#
32) Benzene-d6	8.276	84	433292	16.578	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.320%
36) 1,2-Dichloropropane-d6	9.276	67	145577	17.476	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	69.920%#
41) Toluene-d8	10.325	98	467230	20.237	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.960%
43) trans-1,3-Dichloroprop...	10.575	79	57002	16.976	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.920%
47) 2-Hexanone-d5	10.922	63	76300	54.770	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	140750	21.883	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.520%
66) 1,2-Dichlorobenzene-d4	13.855	152	86280	18.745	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.960%#
Target Compounds						Qvalue
8) Chloroethane	2.924	64	7850	2.121	ug/L	91
13) Acetone	4.118	43	113870	87.043	ug/L	92
22) 2-Butanone	7.173	43	45102	21.028	ug/L	77
42) Toluene	10.386	91	32777	1.138	ug/L	99
45) 1,1,2-Trichloroethane	10.764	97	8323	1.635	ug/L #	37
54) o-Xylene	12.166	106	7313	0.656	ug/L	85
60) Isopropylbenzene	12.465	105	11073	0.574	ug/L #	68
63) 1,2,4-Trimethylbenzene	13.245	105	28310	1.890	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	28182	3.850	ug/L #	1
68) 1,2-Dibromo-3-chloropr...	14.415	75	3073	4.641	ug/L #	24
71) Naphthalene	15.324	128	9742	1.003	ug/L #	1
72) 1,2,3-Trichlorobenzene	15.568	180	12793	3.121	ug/L #	1

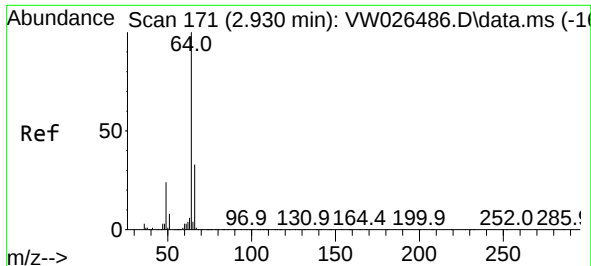
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026496.D
Acq On : 01 Jul 2023 01:36
Operator : SY/MD
Sample : 03444-17
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46X8

Quant Time: Jul 03 01:14:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jul 01 01:41:22 2023
Response via : Initial Calibration

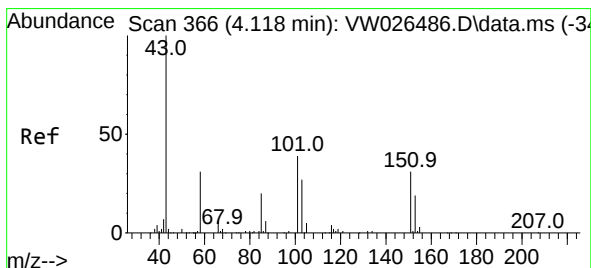
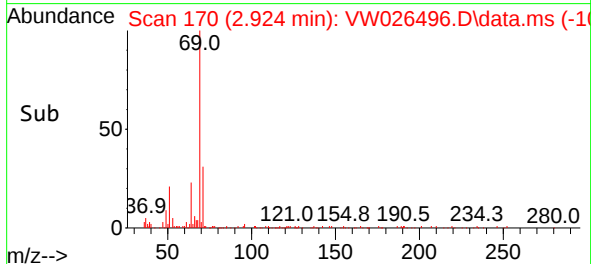
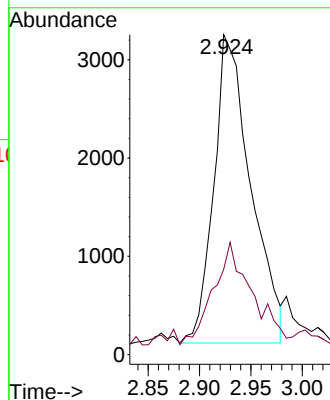
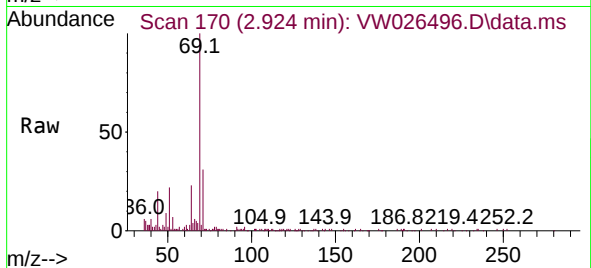




#8
Chloroethane
Concen: 2.121 ug/L
RT: 2.924 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026496.D
Acq: 01 Jul 2023 01:36

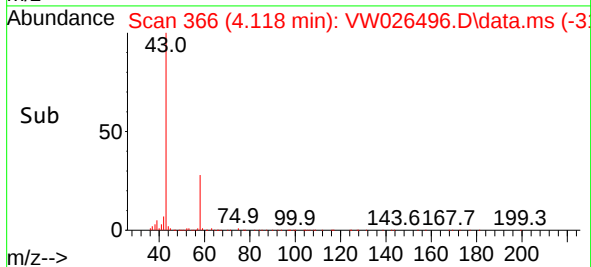
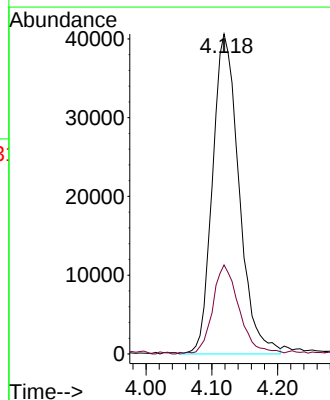
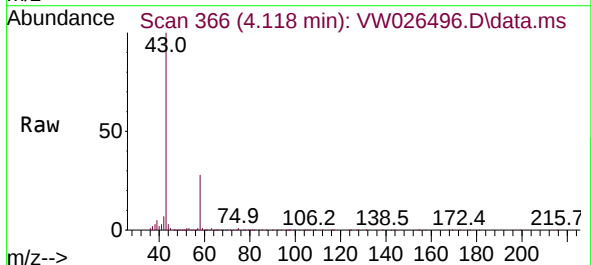
Instrument :
MSVOA_W
ClientSampleId :
A46X8

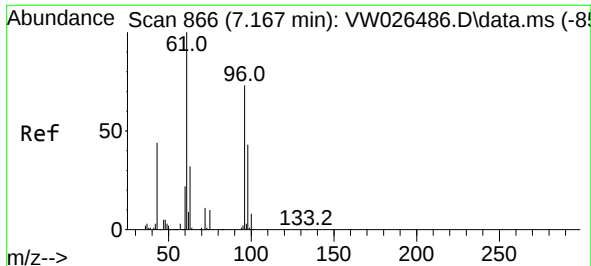
Tgt Ion: 64 Resp: 7850
Ion Ratio Lower Upper
64 100
66 26.7 22.1 41.1



#13
Acetone
Concen: 87.043 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026496.D
Acq: 01 Jul 2023 01:36

Tgt Ion: 43 Resp: 113870
Ion Ratio Lower Upper
43 100
58 27.2 0.0 63.2

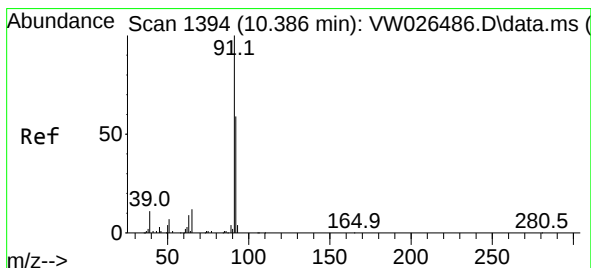
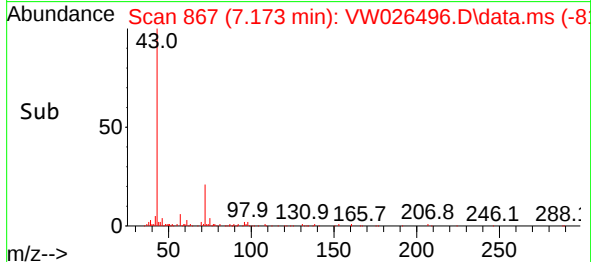
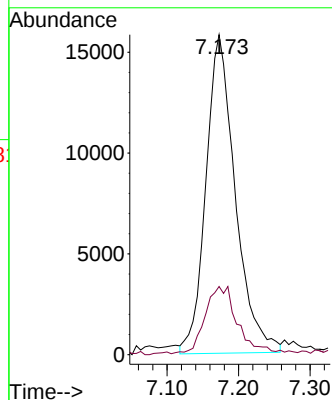
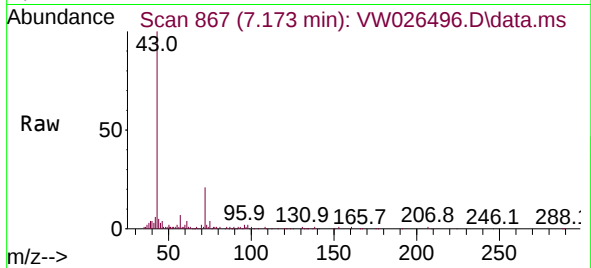




#22
2-Butanone
Concen: 21.028 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026496.D
Acq: 01 Jul 2023 01:36

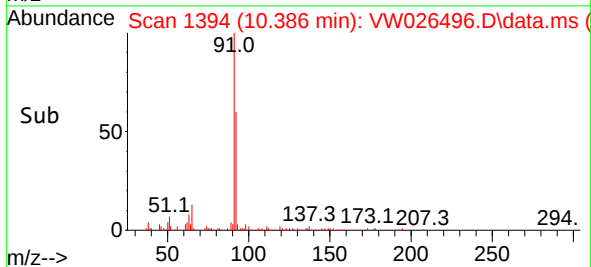
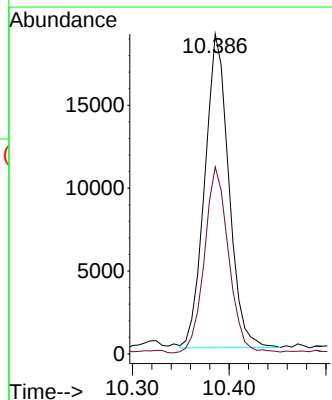
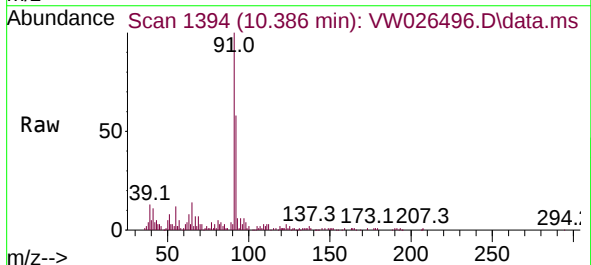
Instrument :
MSVOA_W
ClientSampleId :
A46X8

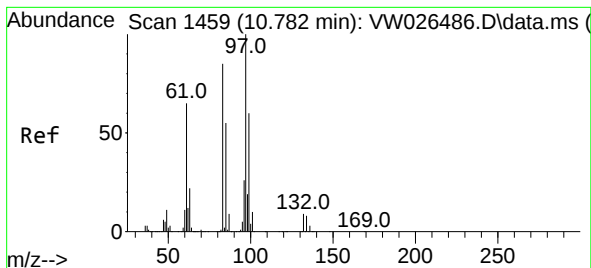
Tgt Ion: 43 Resp: 45102
Ion Ratio Lower Upper
43 100
72 13.8 12.6 37.8



#42
Toluene
Concen: 1.138 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026496.D
Acq: 01 Jul 2023 01:36

Tgt Ion: 91 Resp: 32777
Ion Ratio Lower Upper
91 100
92 58.5 41.4 76.8





#45

1,1,2-Trichloroethane

Concen: 1.635 ug/L

RT: 10.764 min Scan# 1459

Delta R.T. -0.018 min

Lab File: VW026496.D

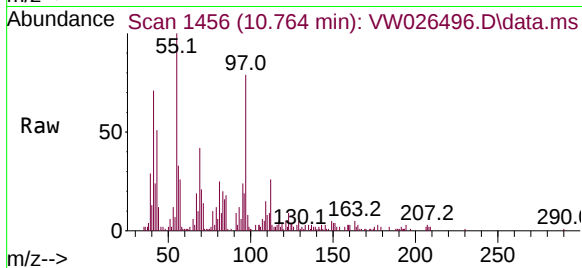
Acq: 01 Jul 2023 01:36

Instrument :

MSVOA_W

ClientSampleId :

A46X8



Tgt Ion: 97 Resp: 8323

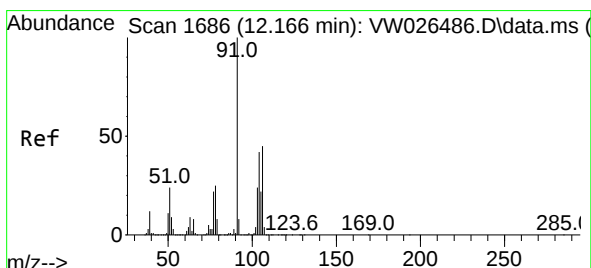
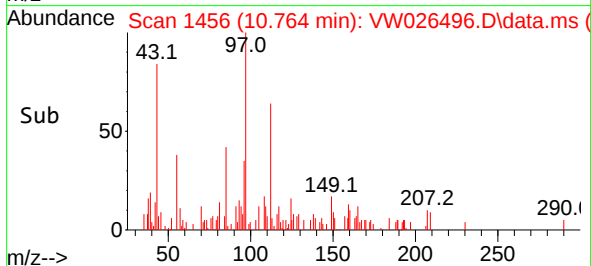
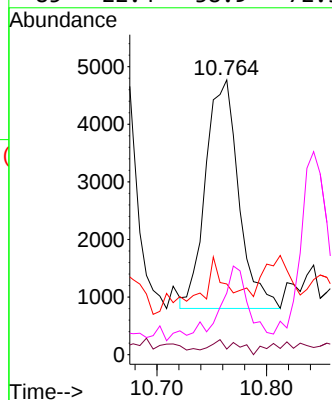
Ion Ratio Lower Upper

97 100

99 3.5 42.1 78.3#

83 25.7 60.5 112.5#

85 22.4 38.9 72.3#



#54

o-Xylene

Concen: 0.656 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VW026496.D

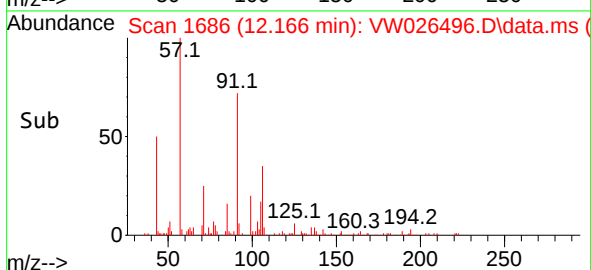
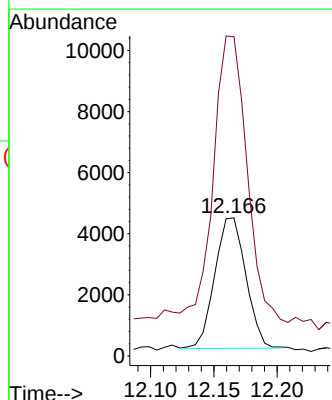
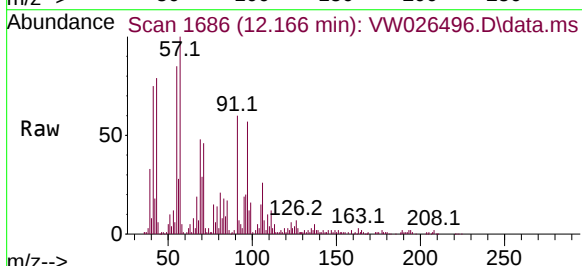
Acq: 01 Jul 2023 01:36

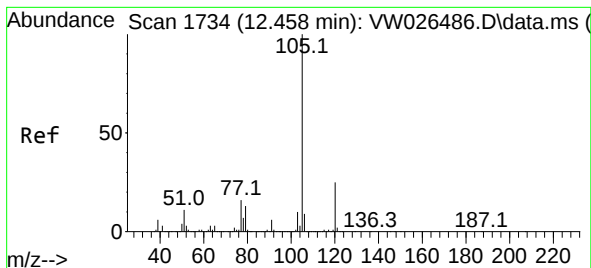
Tgt Ion:106 Resp: 7313

Ion Ratio Lower Upper

106 100

91 231.2 145.5 270.1





#60

Isopropylbenzene

Concen: 0.574 ug/L

RT: 12.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW026496.D

Acq: 01 Jul 2023 01:36

Instrument :

MSVOA_W

ClientSampleId :

A46X8

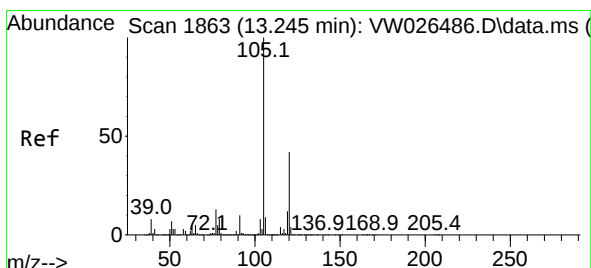
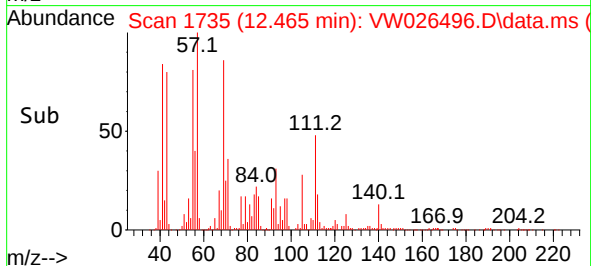
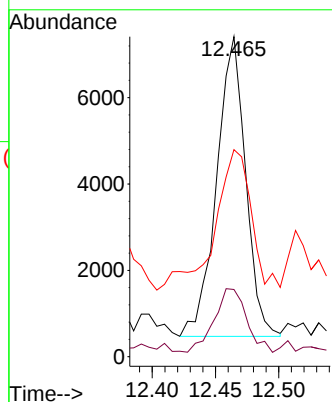
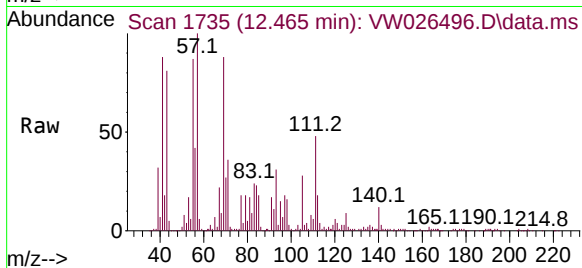
Tgt Ion:105 Resp: 11073

Ion Ratio Lower Upper

105 100

120 23.6 20.5 30.7

77 48.5 12.9 19.3#



#63

1,2,4-Trimethylbenzene

Concen: 1.890 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW026496.D

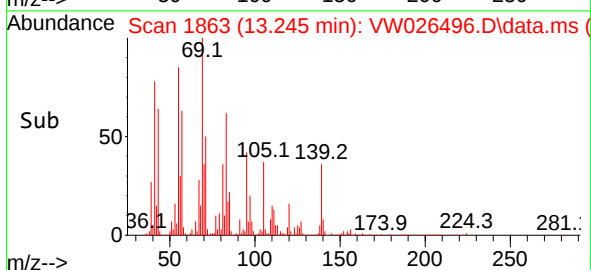
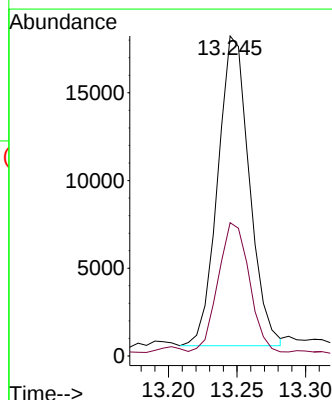
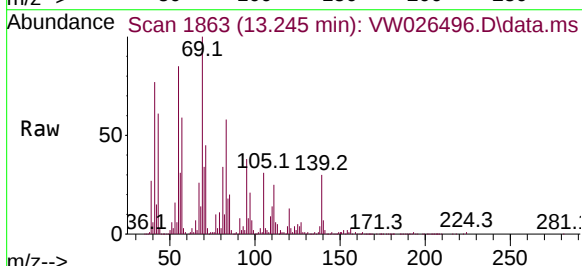
Acq: 01 Jul 2023 01:36

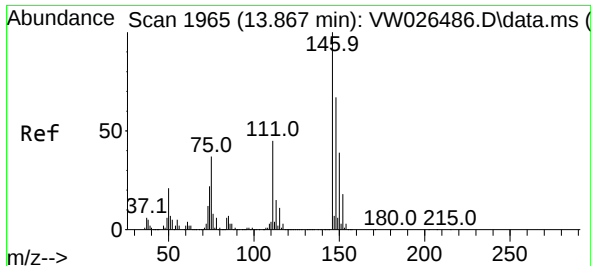
Tgt Ion:105 Resp: 28310

Ion Ratio Lower Upper

105 100

120 41.0 36.0 54.0





#67

1,2-Dichlorobenzene

Concen: 3.850 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026496.D

Acq: 01 Jul 2023 01:36

Instrument :

MSVOA_W

ClientSampleId :

A46X8

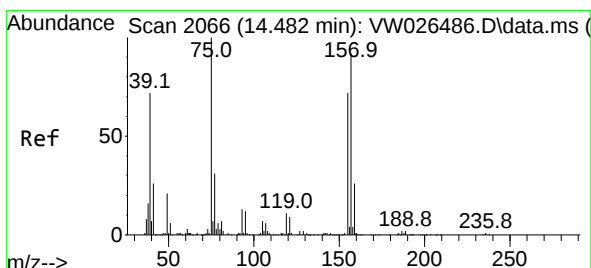
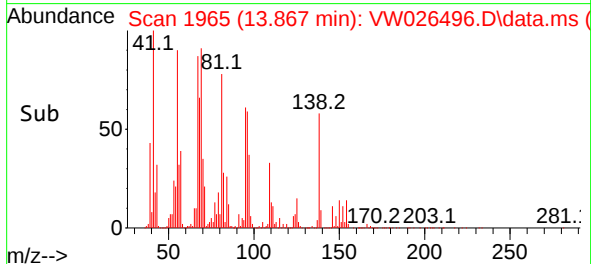
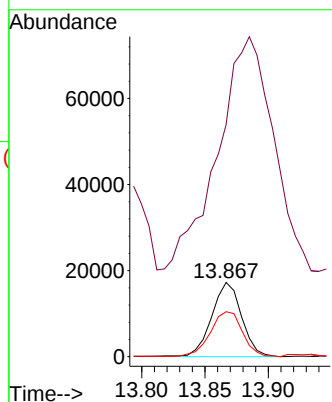
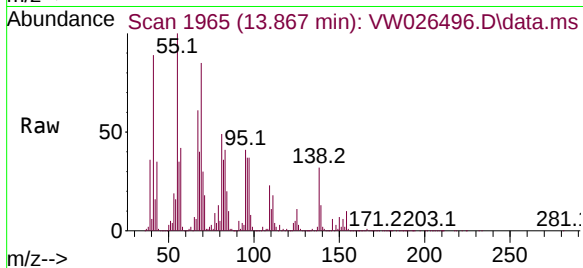
Tgt Ion:146 Resp: 28182

Ion Ratio Lower Upper

146 100

111 312.9 34.7 52.1#

148 60.7 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.641 ug/L

RT: 14.415 min Scan# 2055

Delta R.T. -0.067 min

Lab File: VW026496.D

Acq: 01 Jul 2023 01:36

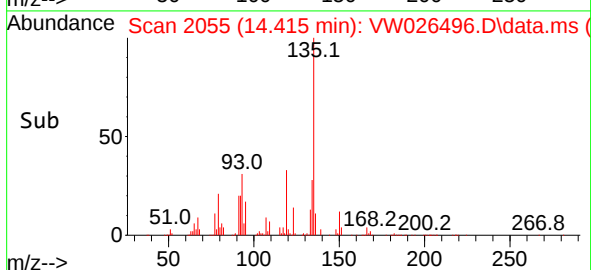
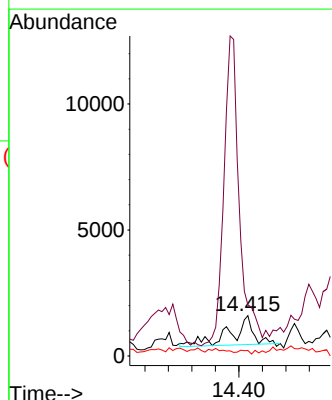
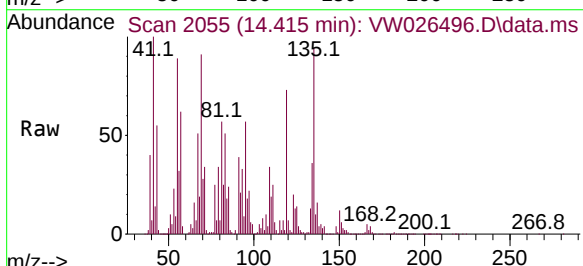
Tgt Ion: 75 Resp: 3073

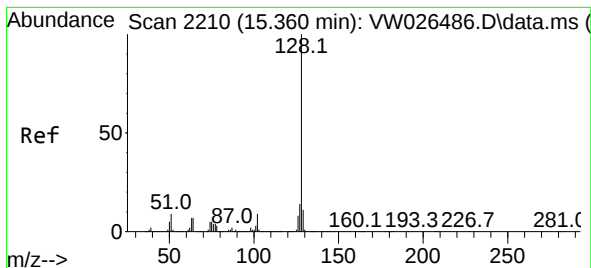
Ion Ratio Lower Upper

75 100

155 126.8 58.5 87.7#

157 13.4 77.4 116.2#





#71

Naphthalene

Concen: 1.003 ug/L

RT: 15.324 min Scan# 2210

Delta R.T. -0.037 min

Lab File: VW026496.D

Acq: 01 Jul 2023 01:36

Instrument :

MSVOA_W

ClientSampleId :

A46X8

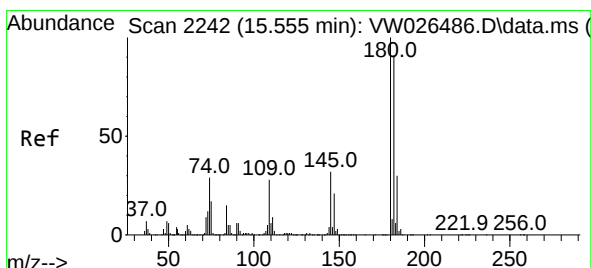
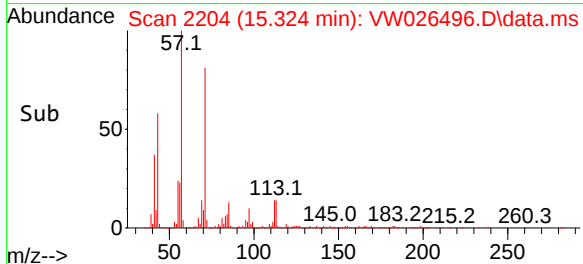
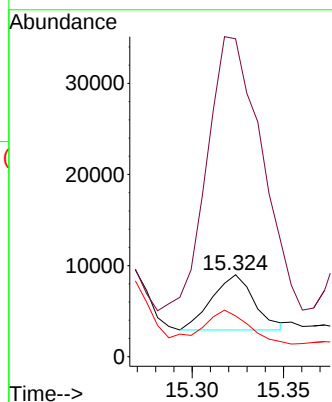
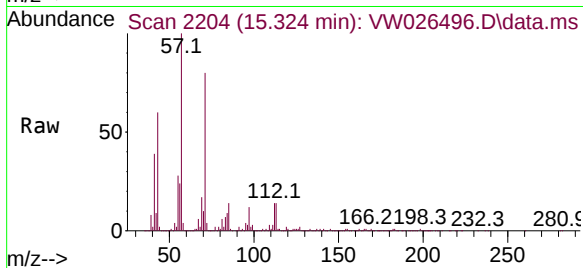
Tgt Ion:128 Resp: 9742

Ion Ratio Lower Upper

128 100

127 636.8 10.4 15.6#

129 59.3 8.3 12.5#



#72

1,2,3-Trichlorobenzene

Concen: 3.121 ug/L

RT: 15.568 min Scan# 2244

Delta R.T. 0.012 min

Lab File: VW026496.D

Acq: 01 Jul 2023 01:36

Tgt Ion:180 Resp: 12793

Ion Ratio Lower Upper

180 100

182 74.0 75.7 113.5#

145 360.6 27.0 40.6#

